ABSTRACT

A method of and apparatus for reducing interference in a received signal. A normalized noise correlate is determined using the received signal and a first channel estimate of the received signal. Conditional whitening-filter settings are determined using the normalized noise correlate. A whitening filter is applied to the received signal in accordance with the conditional whitening-filter settings. A synchronization adjustment of an updated received signal is performed. A second channel estimate, which may be of the same span as the first channel estimate, is determined using an updated synchronization position and the updated received signal.